

BALLPOINT PEN OIL-BASED INK COMPOSITION AND  
BALLPOINT PENS

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ABSTRACT OF THE DISCLOSURE

10 A ballpoint pen oil-based ink composition,  
comprising an ink having therein a mixture of at least  
one phosphoric acid ester having an acid number of 90 to  
600 and at least one weakly cationic component selected  
from the group consisting of:

- 15 a) imidazoline-type activator,  
b) polyoxyethylene alkylamine,  
c) polyoxyethylene alkylamide, and  
d) alkylalkanolamide.

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